



2002-2003

Alberta Heritage Foundation for Medical Research

AHFMR Mission

We support a community of researchers who generate knowledge whose application improves the health and quality of life of Albertans and people throughout the world. Our long-term commitment is to fund health research based on international standards of excellence and carried out by new and established investigators and researchers in training.

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Full consolidated
financial statements are
available from AHFMR.

Please call us at
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mailed to you
free of charge.

AHFMR



ALBERTA HERITAGE FOUNDATION
FOR MEDICAL RESEARCH

What is our endowment?



The Alberta Heritage Foundation for Medical Research Endowment Fund was established in 1980 to finance the objectives of the Foundation – to establish a long-term program of medical and health research in the Province. The Fund operates under the authority of the Alberta Heritage Foundation for Medical Research Act. The initial investment was \$300 million.

How is it managed?

The investment policy was developed over a number of years by Alberta Revenue in cooperation with the AHFMR Board. The investment policy takes into account the expected

conditions in the capital markets, the need for prudent investments, and a sustainable longer term spending program by the Foundation. The investment strategy under this policy is managed by the Investment Management Division of Alberta Revenue. The fund contains a diversified holding of Canadian investments along with equity investments in a number of international markets.

How do we decide how much we need to support our programs each year?

AHFMR management develops long range projections, based on Trustee decisions about maintaining current programs and developing new ones. These projections reflect the cost and number of investigators for each program, related costs and the anticipated value of the endowment. Annual budgets are then developed from this long-range projection.

Why do actual expenditures sometimes vary from the budget?

Budgets are based on estimates of quality and number of applications for programs and the results of the review process. Actual expenditures may vary from the budget, depending on the quality and number of applications received and approved, and the number of awards accepted. (Excellence is the primary criteria for funding proposals.) In addition, the Foundation responds to needs as they arise in the community and unforeseen opportunities may result in increased spending.

How do we determine how much to transfer from the endowment to cover our budget?

Foundation management works with Alberta Revenue in developing long term investment forecasts and strategies to ensure sufficient cash to fund current operations, while maintaining the value of the endowment by providing sufficient reinvestment of income to ensure future commitments can be met. To provide this balance between current needs and long term goals, the Trustees have adopted a guideline for how much can be transferred each year. This guideline recognizes that annual income to the endowment could vary drastically, depending on the performance of financial markets in which investments are made. To protect the programs of research from suffering

dramatic cutbacks should there be years of significant poor returns, the guideline has two components.

The suggested maximum transferable to the Foundation from the Fund in any year is 70% of the previous year's expenditures, plus 30% of 5% of the opening balance of the endowment. This is a variation of the commonly used 5% rule for endowments which states that, to fund current programs and maintain the potential to fund into the future, only 5% of the value of an endowment should be spent annually.

What is the investment strategy for the endowment?

Due to these relatively high cash requirements to fund annual expenditures, the portfolio is structured to generate a high level of current income with a high degree of certainty. The current portfolio provides for the spending requirements plus growth to cover inflation, with a reasonable margin of safety. In order to generate this income, Alberta Revenue has developed a target asset mix for investments in short term, fixed income and equities. These investments are managed approximately 80% directly by Alberta Revenue and 20% by international and US managers.

How is Fund performance evaluated?

The Investment Management Division Strategy Committee of Alberta Revenue regularly reviews and benchmarks asset classes, and monitors the performance of fund managers. Alberta Revenue meets regularly with Foundation management, and reports fund performance to AHFMR Trustees.

How does the AHFMR decide whom to fund?

All final decisions about people and projects supported by AHFMR are made by the Trustees. They must weigh the mandate—to support a balanced program of research that meets standards of excellence—against available income, a portion which must be added to the endowment to conserve purchasing power for the future.

Who advises the Trustees?

The AHFMR Board of Trustees and executive rely on advice from many people in the international, national, and provincial medical research and health communities. Members of the AHFMR Scientific Advisory Council advise on major applications and policy decisions related to research. Other scientists and stakeholders in research, education and health serve on AHFMR Committees or as consultants. The Foundation has numerous peer-review and/or advisory committees for various programs.

How are the applications for funding evaluated?

AHFMR follows the established procedure of evaluating applications by a peer review system, whereby applications are evaluated and rated by other researchers and/or users of health research information who have expert knowledge in each applicant's field of study. These include external reviewers who may be working in any part of the world, as well as internal AHFMR committees with representatives from universities and hospitals in Alberta and throughout North America. These peer review committees then forward their evaluations and recommendations to the Trustees.

How do successful candidates receive their funding?

Researchers funded by AHFMR are recruited by the universities, hospitals, or other organizations where they will conduct their research, and these host organizations sponsor their applications for AHFMR funding. Successful applicants become employees of these organizations, not of AHFMR, although AHFMR may pay their salary and provide other support.

Award and other programs of AHFMR

AHFMR awards are determined by a system called peer review. AHFMR receives applications from the individual and the host university or other host institution where the research will be carried out. The applications are sent to outside reviewers with expertise in relevant fields and these reviewers assess the qualifications of the applicant and the feasibility, importance, and originality of the proposed projects. Then the application is assessed by an AHFMR committee of reviewers, who rank applicants in order of excellence, and forward recommendations to AHFMR's Board of Trustees.

Applications for the most senior award, Heritage Medical Scientist, and for major research thrusts, are reviewed by the international Scientific Advisory Council to ensure activities supported meet world standards.

For details of each of the following competitive award programs, please go to <http://www.ahfmr.ab.ca/researchers.html>

- Heritage Scientists
- Heritage Senior Scholars
- Heritage Scholars
- Heritage Clinical Investigators
- Heritage Population Health Investigators
- Independent Establishment Grants for New Investigators
- Heritage Fellowships
- Heritage Clinical Fellowships
- Heritage Health Research Career Renewal Awards
- Heritage M.D./Ph.D. Trainees
- Dr. Lionel E. McLeod Health Research Scholarship
- Heritage Major Equipment Grants
- Heritage Institutional Support Programs
- Technology Commercialization (TC) Program
- Heritage Youth Researcher Summer Program (HYRS)
- Heritage Community Health Research Visiting Lecturer Program
- Heritage Community Health Research Travel Grant Program
- AHFMR Opportunity Fund
- AHFMR Challenge Offer

- Canada Research Chairs/AHFMR Partnership
- AHFMR Research Prize
- Other AHFMR Programs

Applied Health Research Programs

AHFMR's Applied Health Research Programs (AHRP) coordinates initiatives geared towards building the capacity for health research as well as the effective use of the information from research by the health system. AHRP includes the Swift Efficient Application of Research in Community Health (SEARCH) program, which trains health professionals and networks them throughout Alberta to conduct research on priority health issues affecting their communities. AHRP oversees four other activities:

- The Community Research Ethics Board of Alberta (CREBA)
- The Health Research Transfer Network of Alberta (RTNA)
- Alberta Consultative Health Research Network (ACHRN)
- Alberta Family Practice Research Network (AFPRN)

Health Technology Assessment Unit

AHFMR established the Health Technology Assessment (HTA) Unit in 1995, under the Health Research Collaboration Agreement—a contractual arrangement between Alberta Health & Wellness and AHFMR. The HTA Unit operates independently from other governmental organizations and agencies and is affiliated with national and international health technology assessment agencies. It conducts thorough assessments, based on requests from government, health organizations, and health care professionals, of health technologies—drugs, medical devices, medical and surgical procedures, and the administrative and support systems within which health care is delivered.

Impact Analysis Unit

AHFMR's Impact Analysis Unit advises, coordinates, commissions, and conducts impact analysis activities related to AHFMR's programs. "Impact" refers to the broad and diverse effects stemming from AHFMR activities, which can be short, medium, and long term in nature. "Analysis" refers to the judging, appraising, or determining the worth, value or quality of activities, in terms of its relevance, effectiveness, efficiency, and outcomes. The scope of the impact analysis activity includes all AHFMR activities.

Major Funding Partners

The Alberta Heritage Foundation for Medical Research has granted more than \$750 million to support health research in Alberta. The Foundation and the Alberta research community rely heavily on the contributions of many partners to build and sustain health research in the province. It is estimated that for every Heritage dollar invested, AHFMR researchers attract \$2-3 in outside funding.

A major funding partner in the Heritage health research enterprise in Alberta is the federal government through its major granting agencies: the Canadian Institutes of Health Research, the Natural Sciences and Engineering Research Council, the Social Sciences and Humanities Research Council, the Canadian Health Services Research Foundation, the Canada Foundation for Innovation, and Industry Canada.

The Government of Alberta, through a number of ministries, health regions, departments, and programs, is also a significant partner in AHFMR's endeavours to develop the health research capacity provincially.

The University of Alberta, the University of Calgary, and the University of Lethbridge are key partners with AHFMR in the realization of health research excellence in the classroom, laboratory and at the bedside.

Voluntary funding agencies represent the hope of millions. Their contributions to the work of AHFMR funded researchers are helping to turn hope into realization. The Canadian Heart and Stroke Foundation, the Juvenile Diabetes Foundation, the National Cancer Institutes of Canada and others are valuable allies and agents for better health.

Pharmaceutical companies individually or through the Pharmaceutical Manufacturers Association of Canada are committed to investing in the excellence that AHFMR-funded research delivers.

International funding partners increasingly contribute to Heritage-funded research and include the Whitaker Foundation, the National Institutes of Health, the Wellcome Trust, and many other agencies.

To these partners and to all teachers, politicians, members of the media, and the public whose interest in, and support of, Heritage health research activities have helped us spread the story of AHFMR successes, we thank you and look forward to working with you in the years to come.

From time to time, individuals send donations to AHFMR. We cannot accept donations directly, and have set up another non-profit foundation with similar objectives called the Alberta Foundation for Health Research. If you would like to contribute to the success of ongoing health research efforts in Alberta, you can donate to this foundation. All funds support health researchers in their efforts to create better health now and in the future. All donations are tax deductible. Please call (780) 426-3472 or e-mail ahfmrinfo@ahfmr.ab.ca or write us at: Alberta Foundation for Health Research, c/o Suite 1500, 10104 – 103 Avenue, Edmonton, Alberta, T5J 4A7, for more information.

Success Rates for AHFMR Grants and Awards/Programs

The results are expressed as a number of applications approved/number of applications received; followed by the percentage success rate.

COMPETITION

2002/2003

TRAINING AWARDS

Heritage Youth Researcher Summer (HYRS)	45/196	23%
Summer Students	205/405	51%
Students	35/96	36%
Fellows	29/116	25%

SENIOR INVESTIGATOR (BIOMEDICAL/CLINICAL) AWARDS

Clinical Investigator	7/12	58%
Independent Establishment	0/0	
Scholar	8/23	35%
Senior Scholar	8/13	62%
Scientist	8/23	35%

SENIOR INVESTIGATOR (HEALTH) AWARDS

Population Health Investigator	7/26	27%
Health Independent Establishment	1/1	100%
Health Scholar	3/7	43%
Health Senior Scholar	1/1	100%
Health Scientist	0/1	0%

OTHER PROGRAMS

Major Equipment	42/64	39%
Health Research Fund	16/33	48%
Conference Grants	26/35	74%
Community Health Visiting Programs	12/14	86%
	493/1212	41%

Trainee applications/awards include Biomedical, Clinical, MD/PhD and Health Research.

For its senior personnel awards competitions and for the Health Research Fund, AHFMR received over 600 external reviews of applications, which were considered by more than 50 members of 7 review committees who advised the Foundation on these programs.

Applications for Trainee awards were considered by over 30 different members of 5 review committees.

Funding details of the Technology Commercialization Program

In 2002/2003, the dollar amount was \$1,138,020. The projects were funded in six areas: Drugs, Medical Devices, Medical Research Technology, Diagnostics, Internship/Training, and Industry Support.

TCP (APPLICATIONS APPROVED/RECEIVED)

2002/2003	15/28
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*Includes University spin-off companies that applied independently.

AHFMR Advisory Committee Memberships 2002-2003



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**denotes members who started
after April 1, 2002 and before
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Alberta Consultative Health Research Network

No longer in existence

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Continued, page 10...

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Edmonton, Alberta

Ms. Brenda Wayne-Perry
Alberta Health and Wellness
Edmonton, Alberta

**term expired between
April 1, 2002 and
March 31, 2003*

***term began between
April 1, 2002 and
March 31, 2003*

Institutional, Provincial, National and International awards won by AHFMR-supported researchers and trainees in 2002-2003*

Dr. Todd Anderson
Cochrane Distinguished
Achievement Award for
Excellence in Research

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J.A.F. Stevenson Young
Investigator Award of the
Canadian Physiological
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Dr. Tim Caulfield
University of Alberta
Alumni Horizon Award

Dr. Sandy Davidge
President's Scientific
Achievement Award
(Outstanding Record in
Scientific Investigation)
Society for Gynecologic
Investigation (March 2003)

Dr. Andrew Demchuk
Michael S. Pessin Stroke
Leadership Prize from the
American Academy of
Neurology

Dr. Carole Estabrooks
University of Alberta
Alumni Horizon Award

Dr. William Ghali
Top 40 under 40
award in Canada

Dr. Kevin Hildebrand
American, British and
Canadian (ABC) Orthopaedic
Travelling Fellowship

Dr. Paul Kubes
Bowditch Lecture –
top Scientist under 42 at
Experimental Biology

Dr. Ernest Lam
W.W. Wood Teaching Awards
by the Association of
Canadian Faculties of
Dentistry.

Dr. Peter Light
Merck Frosst Canada Junior
Scientist Award 2002

Dr. Stephen Robbins
Watanabe Distinguished
Achievement Award for
Overall Excellence

Dr. Keith Sharkey
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Gastroenterology Visiting
Professor Award (February
2003)
Janssen Award for Digestive
Sciences (May 2002)

Dr. Philip Tibbo
Poster Prize Award (2002) -
3rd place awarded at the
AAP Annual Meeting

Dr. Hans Vogel
Immigrant of Distinction,
Distinguished Professional
Award awarded by the
Calgary Immigrant Aid
Society

Dr. Michael Walter
Cogan Award of the
Association for Research on
Vision and Ophthalmology
(2002)

Dr. Sam Weiss
ASTech Award for
Outstanding Contributions
to Science in Alberta

**Awards listed are honours
above and beyond endowed
chairs or personnel and
funding awards received
from any agency or organiza-
tion. All listings are provided
by researchers and are edited
by AHFMR according to
these guidelines.*

AHFMR Personnel Awards*

*currently implemented as of March 31, 2003

Population Health Investigators

Auld, M. Christopher, PhD
Faculty of Social Sciences,
Department of Economics,
U/C*

Brown, Lesley A., PhD
Faculty of Arts & Sciences,
Department of Kinesiology &
Physical Education, U/L*

Currie, Gillian, PhD
Faculty of Social Sciences,
Department of Economics,
U/C

Estabrooks, Carole A., PhD
Faculty of Nursing, U/A*

Hegadoren, Kathleen M., PhD
Faculty of Nursing, U/A

Hilsden, Robert J., MD, PhD
Faculty of Medicine,
Department of Medicine, U/C

Jardine, Cynthia G., PhD
Faculty of Agriculture,
Forestry & Home Economics,
Department of Human
Ecology, U/A

Johnson, Jeffrey A., PhD
Faculty of Medicine &
Dentistry, Department of
Public Health Sciences, U/A

King, Kathryn M., PhD
Faculty of Nursing, U/C

Lu, Mingshan, PhD
Faculty of Social Sciences,
Department of Economics,
U/C

Majumdar, Sumit R., MD
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Dentistry, Department of
Medicine, U/A

Maxwell, Colleen J., PhD
Faculty of Medicine,
Department of Community
Health Sciences, U/C

McAlister, Finlay A., MD
Faculty of Medicine &
Dentistry, Department of
Medicine, U/A

McGregor, S. Elizabeth, PhD
Department of Epidemiology,
Prevention & Screening,
ACB*

Meadows, Lynn M., PhD
Faculty of Medicine,
Department of Family
Medicine, U/C

Paradis, Johanne C., PhD
Faculty of Arts, Department
of Linguistics, U/A

Patten, Scott B., MD, PhD
Faculty of Medicine,
Department of Community
Health Sciences, U/C

Plotnikoff, Ronald C., PhD
Faculty of Physical Education
& Recreation, U/A

Rosychuk, Rhonda J., PhD
Faculty of Medicine &
Dentistry, Department of
Pediatrics, U/A

Sin, Donald D., MD
Faculty of Medicine &
Dentistry, Department of
Medicine, U/A

Smythe, James G., PhD
Faculty of Arts, Department
of Economics, U/A

Tough, Suzanne C., PhD
Faculty of Medicine,
Department of Pediatrics, U/C

Wild, T. Cameron, PhD
Faculty of Medicine &
Dentistry, Department of
Public Health Sciences, U/A

** U/A is University of
Alberta, U/C is University of
Calgary, U/L is University of
Lethbridge, ACB is Alberta
Cancer Board*

Clinical Investigators

Adamko, Darryl J., MD
Faculty of Medicine &
Dentistry, Department
of Pediatrics,
University of Alberta

Beck, Paul L., MD, PhD
Faculty of Medicine,
Department of Medicine,
University of Calgary

Chan, K. Ming, MD
Faculty of Medicine &
Dentistry, Department
of Physical Med &
Rehabilitation (Division),
University of Alberta

Cheung, Po-Yin, MD, PhD
Faculty of Medicine &
Dentistry, Department
of Pediatrics,
University of Alberta

Coupland, Nicholas J., MD
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Dentistry, Department
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University of Alberta

Demchuk, Andrew M., MD
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Neurosciences,
University of Calgary

Exner, Derek V., MD
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Department of Medicine,
University of Calgary

Gainer, Anita L., MD, PhD
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University of Alberta

Hao, Chunhai (Charlie), MD, PhD
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Dentistry, Department
of Laboratory Medicine &
Pathology,
University of Alberta

Hildebrand, Kevin A., MD
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Department of Surgery,
University of Calgary

Lam, Ernest Wing Ngai, DDS
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of Dentistry,
University of Alberta

Le Melleo, Jean-Michel, MD
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University of Alberta

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Department of Medicine,
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Shapiro, A. M. James, MD
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Tibbles, Lee Anne, MD
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of Psychiatry,
University of Alberta

Tsui, Ban Chi-Ho, MD
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Dentistry, Department
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Vliagoftis, Harissios, MD
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Winston, Brent W., MD
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Department of Medicine,
University of Calgary

Scholars

Agrawal, Babita, PhD
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Anderson, Todd J., MD
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Department of Medicine, U/C

Andrew, Susan E., PhD
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Dentistry, Department of
Medical Genetics, U/A

Bains, Jaideep S., PhD
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Department of Physiology &
Biophysics, U/C

Barry, Michele M., PhD
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Immunology, U/A

Beattie, Tara L., PhD
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Beaulieu, Christian, PhD
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Biomedical Engineering, U/A

Braun, Janice E., PhD
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Biophysics, U/C

Brook, William J., PhD
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Department of Biochemistry
and Molecular Biology, U/C

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Department of Medicine, U/C

Burshtyn, Deborah N., PhD
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Medical Microbiology &
Immunology, U/A

Carroll, Linda J., PhD
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Dentistry, Department of
Public Health Sciences, U/A

Cassidy, J. David, PhD
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Dentistry, Department of
Public Health Sciences, U/A

Caulfield, Timothy A., LL.M.
Faculty of Law,
Health Law Institute, U/A

Chen, Xing-Zhen, PhD
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Dentistry, Department of
Physiology, U/A

Childs, Sarah J., PhD
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Department of Biochemistry
& Molecular Biology, U/C

Colbourne, Frederick, PhD
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Department of Psychology,
U/A

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& Recreation, U/A

Cook, Linda S., PhD
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Department of Community
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Coorsen, Jens R., PhD
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DeVinney, Rebekah, PhD
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Department of Microbiology
& Infectious Diseases, U/C

Dunn, James R., PhD
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Department of Community
Health Sciences, U/C

Dyck, Jason R., PhD
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Dentistry, Department of
Pediatrics, U/A

Eitzen, Gary A., PhD
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Dentistry, Department
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Fouad, Karim, PhD
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Medicine, U/A

Francis, Gordon A., MD
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Young, Howard S., PhD
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Bennett, David J., PhD
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Braun, Andrew P., PhD
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Bray, Robert C., MD
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Buchan, Alastair M., MD
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Carriere, Keumhee C., PhD
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Department of Mathematical
& Statistical Sciences, U/A

Casey, Joseph R., PhD
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Dentistry, Department of
Physiology, U/A

Chen, Sui R. (Wayne), PhD
Faculty of Medicine,
Department of Physiology &
Biophysics, U/C

Cole, William C., PhD
Faculty of Medicine,
Department of Pharmacology
& Therapeutics, U/C

Cross, James C., PhD
Faculty of Medicine,
Department of Biochemistry
& Molecular Biology, U/C

Davidge, Sandra T., PhD
Faculty of Medicine &
Dentistry, Department of
Obstetrics & Gynaecology, U/A

Deans, Julie P., PhD
Faculty of Medicine,
Department of Biochemistry
and Molecular Biology, U/C

Duszyk, Marek, PhD
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Dentistry, Department of
Physiology, U/A

Gillis, Anne M., MD
Faculty of Medicine,
Department of Medicine, U/C

Glover, J. N. Mark, PhD
Faculty of Medicine &
Dentistry, Department of
Biochemistry, U/A

Greer, John J., PhD
Faculty of Medicine &
Dentistry, Department of
Physiology, U/A

Hawe, Penelope, PhD
Faculty of Medicine,
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Health Sciences, U/C

Ho, May, MD
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Department of Microbiology
& Infectious Diseases, U/C

Hobman, Tom C., PhD
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of Cell Biology, U/A

Kargacin, Gary J., PhD
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Department of Physiology
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Kneteman, Norman M., MD
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Loutzenhiser, Rodger D., PhD
Faculty of Medicine,
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& Therapeutics, U/C

Lytton, Jonathan, PhD
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Maksymowych, Wolodymyr P., MD
Faculty of Medicine &
Dentistry, Department of
Medicine, U/A

McFarlane, Sarah, PhD
Faculty of Medicine,
Department of Cell Biology &
Anatomy, U/C

Meddings, Jonathan B., MD
Faculty of Medicine,
Department of Medicine, U/C

Mody, Christopher H., MD
Faculty of Medicine,
Department of Microbiology
& Infectious Diseases, U/C

Morse, Janice M., PhD
Faculty of Nursing, U/A

Olson, David M., PhD
Faculty of Medicine &
Dentistry, Department of
Obstetrics & Gynaecology, U/A

Patel, Kamala D., PhD
Faculty of Medicine,
Department of Physiology &
Biophysics, U/C

Robbins, Stephen M., PhD
Faculty of Medicine,
Department of Oncology, U/C

Santamaria, Pere, PhD
Faculty of Medicine,
Department of Microbiology
& Infectious Diseases, U/C

Schultz, Michael C., PhD
Faculty of Medicine &
Dentistry, Department of
Biochemistry, U/A

Schulz, Richard, PhD
Faculty of Medicine &
Dentistry, Department of
Pediatrics, U/A

Shibuya, Ellen K., PhD
Faculty of Medicine &
Dentistry, Department
of Cell Biology, U/A

Shiell, Alan M., PhD
Faculty of Medicine,
Department of Community
Health Sciences, U/C

Smith, Francine G., PhD
Faculty of Medicine,
Department of Physiology &
Biophysics, U/C

Surette, Michael G., PhD
Faculty of Medicine,
Department of Microbiology
& Infectious Diseases, U/C

Tredget, Edward E., MD
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Surgery, U/A

Tse, Amy M., PhD
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Dentistry, Department of
Pharmacology, U/A

Tse, Frederick W., PhD
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Dentistry, Department of
Pharmacology, U/A

Turner, Raymond W., PhD
Faculty of Medicine,
Department of Cell Biology &
Anatomy, U/C

Vize, Peter D., PhD
Faculty of Science,
Department of Biological
Sciences, U/C

Walter, Michael A., PhD
Faculty of Medicine &
Dentistry, Department of
Ophthalmology, U/A

Wevrick, Rachel, PhD
Faculty of Medicine &
Dentistry, Department of
Medical Genetics, U/A

Continued, page 14...

Senior Scholars, continued...

Wozniak, Richard W., PhD
Faculty of Medicine &
Dentistry, Department
of Cell Biology, U/A

Yong, Voon Wee, PhD
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Department of Clinical
Neurosciences, U/C

Young, Dallen B., PhD
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Zamponi, Gerald W., PhD
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Zochodne, Douglas W., MD
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Neurosciences, U/C

Scientists

Archer, Stephen L., MD
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Dentistry, Department
of Medicine, U/A

Ballanyi, Klaus, PhD
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Dentistry, Department of
Physiology, U/A

Bleackley, R. Christopher, PhD
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Dentistry, Department
of Biochemistry, U/A

Brindley, David N., PhD
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Bulloch, Andrew G., PhD
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Campenot, Robert B., PhD
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Chaconas, George, PhD
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Colmers, William F., PhD
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Duff, Henry J., MD
Faculty of Medicine,
Department of Medicine, U/C

Eggermont, Jos J., PhD
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Department of Physiology &
Biophysics, U/C

Elliott, John F., MD, PhD
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Dentistry, Department of
Medical Microbiology &
Immunology, U/A

Fiegel, Larry, PhD
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Biochemistry, U/A

French, Robert J., PhD
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Biophysics, U/C

Fujita, Donald J., PhD
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& Molecular Biology, U/C

Gordon, Tessa T., PhD
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Gravel, Roy, PhD
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and Molecular Biology, U/C

Holmes, Charles F., PhD
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Dentistry, Department
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Hulliger, Manuel, MD, PhD
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Neurosciences, U/C

Jirik, Frank R., MD
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& Molecular Biology, U/C

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Dentistry, Department of
Medical Microbiology &
Immunology, U/A

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Lees-Miller, Susan P., PhD
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Lopaschuk, Gary D., PhD
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MacVicar, Brian A., PhD
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Mains, Paul E., PhD
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McGhee, James D., PhD
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and Molecular Biology, U/C

Melancon, Paul R., PhD
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Michalak, Marek, PhD
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Dentistry, Department of
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Moqbel, Redwan, PhD
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of Medicine, U/A

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Immunology, U/A

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Biophysics, U/C

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Reha-Krantz, Linda J., PhD
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Sciences, U/A

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Schryvers, Anthony B., MD, PhD
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Schurch, F. Samuel, PhD
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Stone, James C., PhD
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Sutherland, Robert J., PhD
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Syed, Naweed I., PhD
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ter Keurs, Henk E., MD, PhD
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Tyberg, John V., MD, PhD
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Walsh, Michael P., PhD
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Wong, Norman C. W., MD
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Yoon, Ji-Won, PhD
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Young, James D., PhD
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Consolidated Statement of Financial Position

For the year ended March 31, 2003 (THOUSANDS OF DOLLARS)

	2003	2002
ASSETS		
CURRENT		
CASH	\$ 5,753	\$ 9,805
ACCOUNTS RECEIVABLE	89	160
ADVANCES AND PREPAID EXPENSES	91	106
	<u>5,933</u>	<u>10,071</u>
LONG TERM		
PROPERTY, PLANT AND EQUIPMENT	765	769
TOTAL ASSETS	<u>\$ 6,698</u>	<u>\$ 10,840</u>
LIABILITIES AND NET ASSETS		
CURRENT		
ACCOUNTS PAYABLE AND ACCRUED LIABILITIES	\$ 2,986	\$ 4,269
DEFERRED CONTRIBUTIONS	7,577	5,654
	<u>10,563</u>	<u>9,923</u>
LONG TERM		
ACCRUED RETIREMENT ALLOWANCE	401	356
ACCRUED BENEFIT LIABILITY	271	175
	<u>672</u>	<u>531</u>
TOTAL LIABILITIES	<u>11,235</u>	<u>10,454</u>
NET (LIABILITIES) ASSETS	<u>(4,537)</u>	<u>386</u>
	<u>\$ 6,698</u>	<u>\$ 10,840</u>

Consolidated Statement of Operations

For the year ended March 31, 2003 (THOUSANDS OF DOLLARS)

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	2003	2002
REVENUES		
TRANSFERS FROM ENDOWMENT FUND	\$ 51,000	\$ 55,000
HEALTH RESEARCH COLLABORATION	2,877	2,688
MEDICAL INNOVATION PROGRAM	—	1,832
DONATIONS	—	5
INTEREST	308	478
RECOVERIES ON TECHNOLOGY COMMERCIALIZATION	208	19
	54,393	60,022
EXPENSES		
GRANTS AND AWARDS		
PERSONNEL	34,667	35,635
TRAINING	7,343	6,980
TECHNOLOGY COMMERCIALIZATION	1,138	2,328
APPLIED HEALTH RESEARCH	1,646	1,565
OTHER	7,701	7,498
	52,495	54,006
PROGRAM DELIVERY		
HYRS PROGRAM	62	58
TECHNOLOGY COMMERCIALIZATION	42	115
HEALTH TECHNOLOGY ASSESSMENT	239	257
APPLIED HEALTH RESEARCH PROGRAMS	1,086	945
	1,429	1,375
OPERATIONS		
PEER REVIEW	878	846
HUMAN RESOURCES	2,696	2,396
COMMUNICATIONS AND EDUCATION	510	412
IMPACT ANALYSIS	85	19
	4,169	3,673
ADMINISTRATION		
OFFICE SERVICES	464	574
INFORMATION SERVICES	155	81
GOVERNANCE AND PLANNING	323	176
AMORTIZATION OF PROPERTY, PLANT AND EQUIPMENT	281	222
	1,223	1,053
	59,316	60,107
DEFICIENCY OF REVENUES OVER EXPENSES	\$ (4,923)	\$ (85)